

**NEW UTILITY
PATENT APPLICATION
TRANSMITTAL**

(only for new nonprovisional applications under
37 CFR 1.53(b))

Attorney Docket Number	18922-08585
First Named Inventor	Heidi E. Dixon et al.
Title	DATABASE MANIPULATIONS USING GROUP THEORY
Express Mail Label No.	EV301186619US

U.S. PTO
10/7/351

APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)		7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		8. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
3. <input checked="" type="checkbox"/> Specification Total Pages 96	(preferred arrangement set forth below)	9. <input type="checkbox"/> Power of Attorney or Authorization of Agent	
	<input checked="" type="checkbox"/> Descriptive Title of the Invention <input checked="" type="checkbox"/> Cross Reference(s) to Related Case(s) <input checked="" type="checkbox"/> Statement Regarding Fed Sponsored R & D <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Summary of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawing(s) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim or Claims <input checked="" type="checkbox"/> Abstract of the Disclosure	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets 11		11. <input type="checkbox"/> Preliminary Amendment	
5. Oath or Declaration	a. <input checked="" type="checkbox"/> New Declaration Total Pages 3	12. <input type="checkbox"/> Information Disclosure Statement & PTO-1449 Copies of IDS Citation(s)	
	<input checked="" type="checkbox"/> Executed (original or copy)	13. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		14. <input checked="" type="checkbox"/> Return Postcard	
		15. <input type="checkbox"/> _____	
		16. <input type="checkbox"/> _____	
		17. <input type="checkbox"/> _____	

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

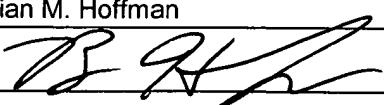
Prior application information: Examiner: _____ Group/Art Unit: _____

For **CONTINUATION OR DIVISIONAL APPS only**: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number

00758

Name (Print/Type)	Brian M. Hoffman	Registration No. (Attorney/Agent)	39,713
Signature		Date	February 5, 2004

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** **(\$)** **551.00**

Complete if Known	
Application Number	NEW
Filing Date	HEREWITH
First Named Inventor	Heidi E. Dixon et al.
Examiner Name	UNASSIGNED
Art Unit	UNASSIGNED
Attorney Docket No.	18922-08585

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number

19-2555

Deposit Account Name

Fenwick & West LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity

Small Entity

Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
1001	770	2001	385	Utility filing fee	385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)	385		

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

(OR # Prev. Paid For)		Extra Claims	Fee from below	Fee Paid
Total Claims	Independent Claims			
34	3	-20**=	14	x 9 = 126
		-3**=	0	x 43 = 0
				=

Multiple Dependent

Fee Description				
Fee	Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	*Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)	126	

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
Other fee (specify) _____			
SUBTOTAL (2)		(\$)	126
*Reduced by Basic Filing Fee Paid			
		SUBTOTAL (3)	(\$) 40

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Brian M. Hoffman	Registration No. (Attorney/Agent)	39,713	Telephone (415) 875-2484
Signature		Date	February 5	, 2004